


# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID:	17504	
Application ID:	10064921	
Title of Invention:	APPARATUS FOR REDUCING SOFT ERRORS IN DYNAMIC CIRCUITS	
First Named Inventor:	Kerry Bernstein	
Domestic/Foreign Application:	Domestic Application	
Filing Date:	null	
Effective Receipt Date:	2002-08-29	
Submission Type:	Utility Patent Filing	
Filing Type:	new-utility	
Confirmation Number:	0	
Attorney Docket Number:	BUR920010204	
Digital Certificate Holder:	cn=Richard A. Henkler, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US	
Certificate Message Digest:	nMRHDHINdVP9D3AYdN5zeg==.	
Total Fees Authorized:	\$780.0	
Payment Category:	DA - Deposit Account	
Deposit Account Number:	90456	
Deposit Account Name:	Richard A. Henkler	

## TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

BUR920010204

Submission Type: Utility  
Patent Filing**APPARATUS FOR REDUCING SOFT  
ERRORS IN DYNAMIC CIRCUITS**

First Named Inventor: Kerry Bernstein

## SUBMITTED BY

Name:	Mr. Richard A. Henkler Esq.
Registration Number:	39,220
Electronic Signature Mark: Richard A. Henkler /s/	Date Signed: 20020829

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

## Attached Files:

declaration	01-0204.Dec.1.tif
declaration	01-0204.Dec.2.tif
declaration	01-0204.Dec.3.tif
declaration	01-0204.Dec.4.tif

declaration	01-0204.Dec.5.tif
declaration	01-0204.Dec.6.tif
declaration	01-0204.Dec.7.tif
us-information-disclosure-statement	BUR920010204US1ids.xml
patent-assignments	BUR920010204US1asgn.xml
fee-transmittal	BUR920010204US1fee.xml
bibd-transmittal	BUR920010204US1apds.xml
specification	BUR920010204US1.xml

**Attached Image File(s):**

01-0204.Dec.1.tif  
01-0204.Dec.2.tif  
01-0204.Dec.3.tif  
01-0204.Dec.4.tif  
01-0204.Dec.5.tif  
01-0204.Dec.6.tif  
01-0204.Dec.7.tif

**Comments:**

Assignee: International Business Machines Corporation Assignee Address: Armonk, NY 10504

## Declaration and Power of Attorney For Patent Application

### English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled  
**APPARATUS FOR REDUCING SOFT ERRORS IN DYNAMIC CIRCUITS**

the specification of which

(check one)

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as United States Application No. or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) or any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
			<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R. Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**Mark F. Chadurjian-30,739**  
**Richard A. Henkler-39,220**  
**Richard M. Kotulak-27,712**  
**William D. Sabo-27,465**  
**Robert A. Walsh-26,516**  
**Howard J. Walter, Jr.-24,832**  
**Christopher A. Hughes-26,914**  
**Stanley B. Green-24,351**  
**John E. Hoel-26,279**  
**Joseph C. Redmond, Jr.-18,753**  
**all attorneys and/or agents at Customer No. 30449**

**Direct Telephone Calls to:** *(name and telephone number)*  
**Jack P. Friedman - (518) 220-1850**

Full name of sole or first inventor <b>Kerry Bernstein</b>
Sole or first inventor's signature <i>Kerry Bernstein</i>
Date 5/14/2008
Residence <b>32 Sam Ward Road, Underhill, VT 05489</b>
Citizenship <b>USA</b>
Post Office Address <b>Same as Residence</b>

Full name of second inventor, if any <b>Phillip G. Emma</b>	
Second inventor's signature	Date
Residence <b>28 Fox Den Road, Danbury, CT 06811</b>	
Citizenship <b>USA</b>	
Post Office Address <b>Same as Residence</b>	

Full name of third inventor, if any <b>John A. Fifield</b>	
Third inventor's signature <i>John A. Fifield</i>	Date 6/12/02
Residence <b>197 Poker Hill Road, Underhill, VT 05489</b>	
Citizenship <b>USA</b>	
Post Office Address <b>Same as Residence</b>	

Full name of fourth inventor, if any <b>Paul D. Kartschoke</b>	
Fourth inventor's signature <i>Paul Kartschoke</i>	Date 6/10/02 6/6/02
Residence <b>192 Isham Circle, Williston, VT 05495</b>	
Citizenship <b>USA</b>	
Post Office Address <b>Same as Residence</b>	

Full name of fifth inventor, if any <b>Norman J. Rohrer</b>	
Fifth inventor's signature <i>Norman J. Rohrer</i>	Date 6/10/02 6/6/02 NTR
Residence <b>4 Harvest Run, Underhill, VT 05489-0152</b>	
Citizenship <b>USA</b>	
Post Office Address <b>P.O. Box 152, Underhill, VT 05489-0152</b>	

Full name of sixth inventor, if any <b>Peter A. Sandon</b>	
Sixth inventor's signature <i>Peter A. Sandon</i>	Date 6/10/02
Residence <b>4 Lang Drive, Essex Junction, VT 05452</b>	
Citizenship <b>USA</b>	
Post Office Address <b>Same as Residence</b>	



• Express Mail Label No. ET808766639US

Page

Docket No. BUR920010204US1
-------------------------------

## Declaration and Power of Attorney For Patent Application

### English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled  
**APPARATUS FOR REDUCING SOFT ERRORS IN DYNAMIC CIRCUITS**

the specification of which

(check one)

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as United States Application No. or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

\_\_\_\_\_  
(Number)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Day/Month/Year Filed)

☐

\_\_\_\_\_  
(Number)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Day/Month/Year Filed)

☐



JUL 17 2002 16:27 FR

TO 88621358

F

Express Mail ET808766639US Docket No. BUR920010204US1

Pag

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Mark F. Chadurjian-30,739

Richard A. Henkler-39,220

Richard M. Kotulak-27,712

William D. Sabo-27,465

Robert A. Walsh-26,516

Howard J. Walter, Jr.-24,832

Christopher A. Hughes-26,914

Stanley B. Green-24,351

John E. Hoel-26,279

Joseph C. Redmond, Jr.-18,753

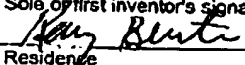
all attorneys and/or agents at Customer No. 30449


Send Correspondence to:

Customer No. 30449

Direct Telephone Calls to: (name and telephone number)

Jack P. Friedman - (518) 220-1850

Full name of sole or first inventor	
Kerry Bernstein	
Sole or first inventor's signature	Date
	5/14/2002
Residence	
32 Sam Ward Road, Underhill, VT 05489	
Citizenship	
USA	
Post Office Address	
Same as Residence	

Full name of second inventor, if any	
Philip G. Emma	
Second inventor's signature	Date
	1/17/02
Residence	
28 Fox Den Road, Danbury, CT 06811	
Citizenship	
USA	
Post Office Address	
Same as Residence	

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 780**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 09-0456



Deposit Account Name: International Business Machines Corporation

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Richard A. Henkler  
Electronic Signature Mark: Richard A. Henkler /s/  
Date Signed: 20020829

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 84	0	\$ 0

\*\*\*\*\*

Subtotal For Extra Claims Fees: \$ 0

**ADDITIONAL FEES**

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40